

Model**MI-250 / MI-300 / MI-350**
(1 X 60 cells or 1 X 72 cells)**Input Data (DC)**

Commonly used module power (W)	Up to 310 / 380 / 440
Peak power MPPT voltage range (V)	27~48 / 32 ~ 48 / 33 ~ 48
Start-up voltage(V)	22
Operating voltage range (V)	16 ~ 60
Maximum input voltage (V)	60
Maximum input current (A)	10.5 / 10.5 / 11.5

Output Data (AC)**@208V AC****@240V AC****@230V AC**

	@208V AC	@240V AC	@230V AC
Rated output power (W)	250 / 300 / 350	250 / 300 / 350	250 / 300 / 350
Rated output current (A)	1.20 / 1.44 / 1.68	1.04 / 1.25 / 1.45	1.08 / 1.30 / 1.52
Nominal output voltage/range (V)	208/180-275	240/180-275	230/180-275
Nominal frequency/range (Hz)	60/58-62	60/58-62	50/45-55
Power factor	>0.99	>0.99	>0.99
Total harmonic distortion	<3%	<3%	<3%
Maximum units per branch	18 / 15 / 13	21 / 17 / 15	20 / 16 / 14

Efficiency

CEC peak efficiency	96.70%
CEC weighted efficiency	96.50%
Nominal MPPT efficiency	99.80%
Nighttime power consumption (mW)	< 50

Mechanical Data

Ambient temperature range (°C)	-40 ~ +65
Dimensions (W X H X D mm)	178 X 153 X 28
Weight (kG)	1.98 (including 1.35m AC cable)
Enclosure rating	Outdoor-NEMA6 (IP67)
Cooling	Natural convection - No fans

Loading Quantity

Container	1 X 20' GP	1 X 40' GP / 1 X 40' HQ
Pallet No.	10	22
Carton No.	600	1260
Total quantity	3000	6300

Other Features

Communication	2.4G RF
Monitoring	Hoymiles Monitoring System
Warranty	Up to 25 years

Standard Compliance

EMC	EN61000-6-3:2007+A1:2011EN61000-6-2:2005EN61000-3-2:2014 EN61000-3-3:2013
Safety	EN62109-1:2010EN62109-2:2011IEC 62109-1 Ed 1.0IEC 62109-2 Ed 1.0 UL Std No.1741-Second EditionEN 60529
On-Grid	AS/NZS 4777.2:2015VDE-AR-N4105:2011-08DIN V VDE V 0126-1-1/A1:2012:02 IEC61727:2004EN50438:2013ANSI/IEEE 1547.1IEC62116:2011UTE C 15-712-1:2010-07

